

FILE NOTATIONS

Entered in NID File ☒

Entered On SR Sheet ☐

Location Map Pinned ☒

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief *PWB*

Copy NID to Field Office ☐

Approval Letter ☐

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed *11-9-66*

Location Inspected ☐

OW ☐ WW ☐ TA ☐

Bond released ☐

GW ☐ OS ☒ PA ☐

State of Fee Land ☐

LOGS FILED

Driller's Log *11-4-68*

Electric Logs (No. *3*)

E ☐ I ☒ GR ☐ GR-N ☐ Micro ☐

Lat ☐ M-L ☐ Sonic ☐ Others ☐

Formation Density Log
Neutron Porosity Log

JHC
514-91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1,876' FSL and 924' FEL (NE SW NE)

At proposed prod. zone

SW NE SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 30 miles west of Cortez, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

924' W of line

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED

OR APPLIED FOR, ON THIS LEASE, FT.

1/2 mi. west

16. NO. OF ACRES IN LEASE

1,120

19. PROPOSED DEPTH

5,700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS:

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ungraded ground 4,872'

22. APPROX. DATE WORK WILL START*

September 26, 1966

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# ✓	150'	Cemented to surface
12-1/4"	8-5/8"	24# ✓	1,650'	With sufficient cement to meet
7-7/8"	5-1/2"	15.5# ✓	5,700'	conditions encountered.

Union Oil Company of California proposes to drill to approximately 5,700' to test the Ismay and Desert Creek Formations.

Coring and drill stem testing will be done at the discretion of the well site geologist.

Double ram pressure operated BOP's will be used.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

ORIGINAL SIGNED BY

W. J. Mansbridge

SIGNED

W. J. Mansbridge

TITLE

District Drilling Supt.

DATE

9-22-66

(This space for Federal or State office use)

PERMIT NO.

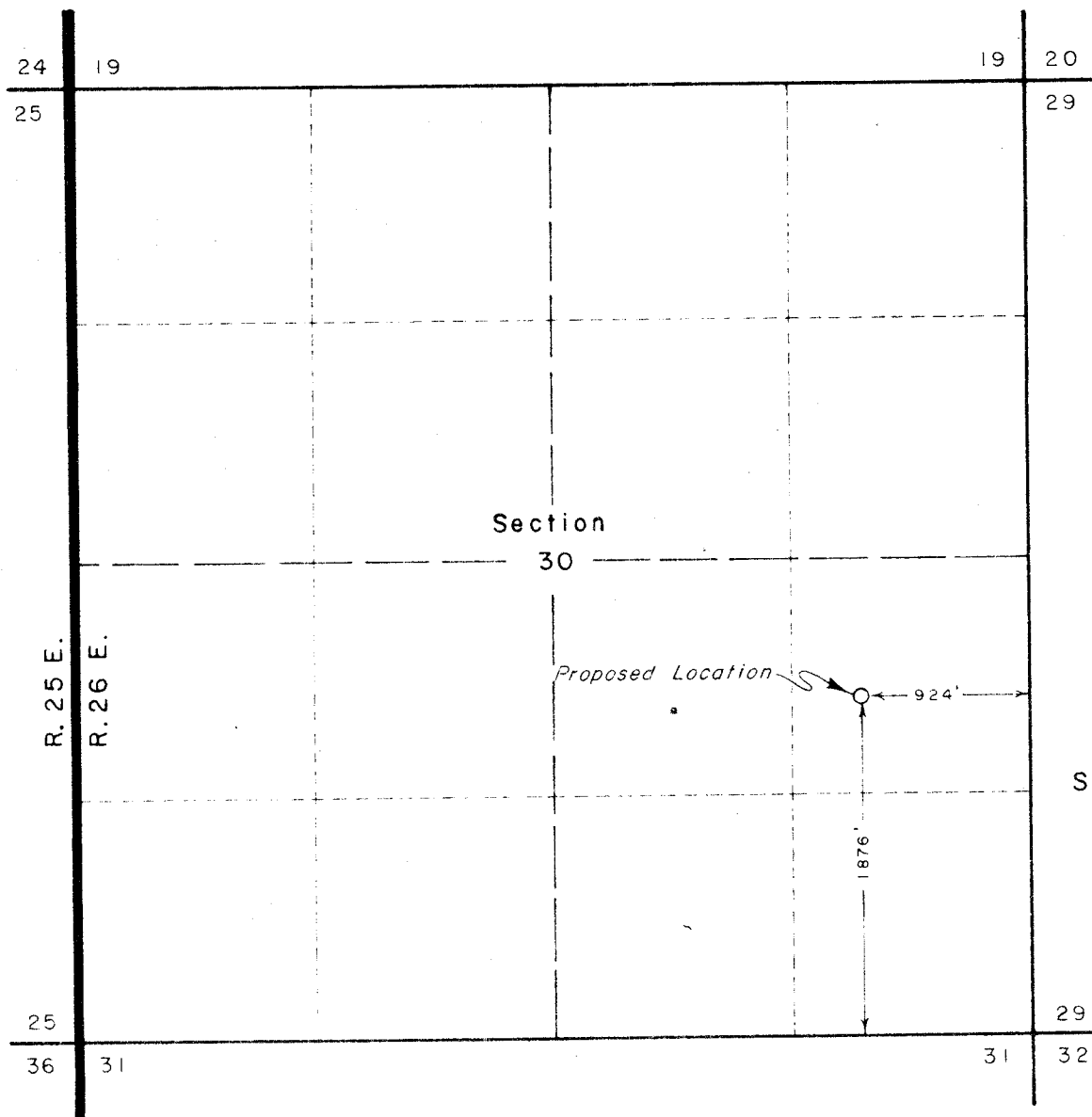
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



WELL LOCATION: Union Oil Company - Ismay No. 30 - D3

Located 1876 feet North of the South line and 924 feet West of the East line of Section 30,
 Township 40 South, Range 26 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4872 feet based on adjoining well locations.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Land Surveyor
 State of Utah #2689

UNION OIL COMPANY
 Denver, Colorado

WELL LOCATION PLAT
 Sec. 30-T. 40 S.-R. 26 E.
 San Juan Co., Utah

CLARK-REED & ASSOC.
 Durango, Colorado

DATE Sept. 16, 1966
 FILE NO 66094

STATE OF UTAH
DEPARTMENT OF MINES AND RECLAMATION

MEMO

TO:

FROM:

DATE:

BY:

RE:

FILE:

September 26, 1966

Union Oil Company of California
P. O. Box 1611
Casper, Wyoming

Re: Well No. Ismay #30-D3,
Sec. 30, T. 40 S., R. 26 E.,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 54, on May 9, 1961. However, this approval is conditional upon receiving notification of why an unorthodox location is required. Assuming the well site is based on topographical conditions, it will be further requested that you state acreage ownership within a radius of 660 feet of the proposed test. If ownership is not confined to the Union Oil Company of California then the Commission must receive consent in writing of all owners of oil and gas leases within said radius.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period.

Union Oil Company of California
P. O. Box 1611
Casper, Wyoming

Page two

Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-20137 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:ah

cc: P. T. McGrath, District Engineer
U. S. Geological Survey
Box 959
Farmington, New Mexico

Union Oil Company of California

POST OFFICE BOX 1611



CASPER, WYOMING 82602

September 26, 1966

TEL.: 234-1565

Utah Oil & Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah

Att: Mr. Cleon B. Feight

Re: Application to Drill
Ismay 30-D3
Sec 30-T40S-R26E,
San Juan County, Utah

Gentlemen:

Please refer to our application of September 22, 1966, to drill a well 30-D3, Ismay Lease, located 1876' from the South line, and 924' from the East line of Sec 30-T40S-R26E, San Juan County, Utah.

Please note that this is an unorthodox location. We request exception to Utah Oil & Gas Rule C-3, "General Well Spacing Requirements". Under Section C of this rule, the Commission may grant an exception where the unorthodox location is based on topographical conditions, and where the ownership of all oil and gas leases within 660' of the proposed location is common with the ownership under the proposed location. Our location was moved for topographical reasons, and the leases within 660' of the proposed location are common.

Yours very truly,

Harold Simpson
District Superintendent

HS:yb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Drilling Well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Isany	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming		9. WELL NO. 30-03	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,876' FSL and 924' FEL (SW NE SE)		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) Est. OL 4,872'	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T-40S, R-26E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) **Supplemental Well History** ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded at 2:30 p.m. 9-26-66. Drilled to 167'. Set 5 jts., 161.69', 13-3/8" 40# casing at 163'. Cemented with 140 sac 50-50 Poz, 2% calcium chloride. Plug down at 11:10 p.m. 9-27-66. Good returns. Cement to surface.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. Mansbridge

TITLE **Dist. Drilling Supt.**DATE **9-28-66**

W. J. Mansbridge

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE STATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Drilling Well		5. LEASE DESIGNATION AND SERIAL NO. Navajo 11-20-603-2055	
2. NAME OF OPERATOR Union Oil Company of California		6. INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,876' FSL and 924' FEL (SW NE SE)		8. FARM OR LEASE NAME 1st	
		9. WELL NO. 30-D3	
		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 30, T-40S, R-26E	
14. PERMIT NO.		12. COUNTY OR PARISH San Juan	13. STATE Utah
15. ELEVATIONS (Show whether DF, RT, GR, etc.) Est. OL 4,872'			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplemental Well History	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12-1/4" hole to 1,709'. Set 5 1/2 jts. of 8-5/8" 2 1/2" casing at 1,705'.
Cemented with 1200 sax 50-50 Diamix "A", plus 10% salt. Plug down at 1,125' a.m.
9-30-66. Plug and float held O.K. Good cement returns.

18. I hereby certify that the above is true and correct

SIGNED W. J. Mansbridge
W. J. MansbridgeTITLE Dist. Drilling Supt.DATE 9-30-66

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEYAilotee Navajo
Tribe Navajo
Lease No. 14-20-603-2055

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field WildcatThe following is a correct report of operations and production (including drilling and producing wells) for month of September, 1966.Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming Signed R. E. NavajoPhone 234-1563 Agent's title District Office Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Pro- duced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS: (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW Sec. 29 Ismay	40S	26E	29-B3	15	3,310	43.0	3,214	-	7	Drilled 4,300' to 5,330'. DST No. 1-5,275' - 5,330'. Drilled to 5,375'. DST No. 2 - 5,330' - 5,375'. Drilled to 5,550' TD. Ran electric logs. Set 172 jts. of 5-1/2" casing at 5,549'. Cemented with 250 sax 50-50 Diamix "A", 10% salt and 1% friction reducer. Plug down at 9:15 a.m. 9-11-66. Released rig. Moved in service rig. Ran Lane-Wells Gamma Ray Correlation Log and Bond Log. Perforated 5,366' - 5,375' and 5,306' - 5,319' with Lane-Wells NCF II, 4 shots per foot. Ran tubing and packer. Set packer at 5,338'. On 9-18-66 acidized with 2000 gals. reg. 15% with non-emulsifier. On 9-19-66. Swabbed well in. Acidized with 3000 gals. Dowell CRA. Swabbed well in. Ran bottom hole pressure recorder. On 9-20-66 injected 3000 gals. 15% regular acid with non-emulsifier plus 12 bbls. to spot opposite perfs 5,306' - 19'. Swabbed well in. Flowed on test. Killed well. Pulled 2 jts. tubing, set packer at 5,286'. 9-30-66 flowed 24 hours, 6 1/2" choke, 156 bbls. of fluid, 0.2% BS and .2% water, 226 MCF gas, TP 75, CF 400. Testing - Incomplete.
NE SE Sec. 30 Ismay	40S	26E	30-D3							Location: 1,876' FSL and 924' FFL. Elevations: GL 4,872'; KB 4,884'. Spudded at 2:30 p.m. 9-26-66. Drilled to 167'. Set 5 jts. 13-3/8" 48# casing at 163'. Cemented with 140 sax 50-50 Poz, 2% calcium chloride. Plug down at 11:10 p.m. 9-27-66. Good returns. Drilled to 1,709'. Set 5 1/2 jts. of 8-5/8" 24# casing at 1,705'. Cemented with 1200 sax 50-50 Diamix "A" plus 10% salt. Plug down at 4:25 a.m. 9-30-66. Good returns. W.O.C.

NOTE.—There were 3,128.00 bbls. runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



CORE LABORATORIES, Inc.
Petroleum Reservoir Engineering
DALLAS, TEXAS
WATER ANALYSIS

File RP-3-W-699

Company UNION OF CALIFORNIA Well Name 30-D-#3 ISMAY Sample No. _____
Formation ISMAY Depth 5579-5630 Sampled From D.S.T. #1
Location NE/SW, SEC. 30-T40S-R26E Field WILDCAT County SAN JUAN State UTAH
Date Sampled 10-11-66 Date Analyzed 10-11-66 Engineer STRICKLIN

Total Dissolved Solids 135,068 mg/L CALCULATED

Sp. Gr. 1.092 @ 69 °F.

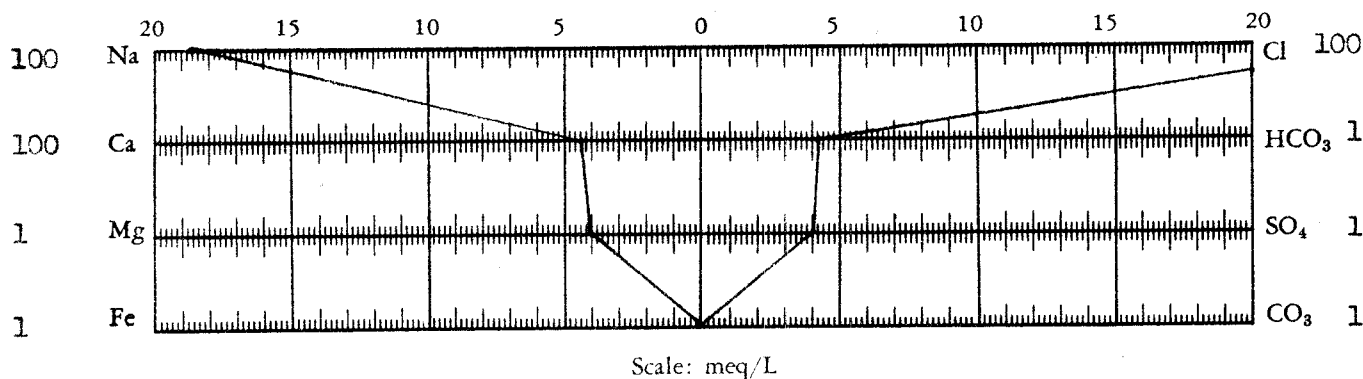
Resistivity 0.071 ohm-meters @ 69 °F. MEASURED

Hydrogen Sulfide ABSENT

pH 6.0

Constituents	meq/L	mg/L
Sodium	<u>1887.6</u>	<u>43,415</u>
Calcium	<u>439.1</u>	<u>8,800</u>
Magnesium	<u>4.0</u>	<u>49</u>
Iron	_____	_____
Barium	_____	_____

Constituents	meq/L	mg/L
Chloride	<u>2,322.5</u>	<u>82,360</u>
Bicarbonate	<u>4.2</u>	<u>244</u>
Sulfate	<u>4.0</u>	<u>200</u>
Carbonate	_____	_____
Hydroxide	_____	_____



All analyses except iron determination performed on a filtered sample.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Drilling Well</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>Navajo 14-20-603-2055</u>	
2. NAME OF OPERATOR <u>Union Oil Company of California</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>	
3. ADDRESS OF OPERATOR <u>P. O. Box 1611 - Casper, Wyoming</u>		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1,876' FSL and 924' FEL (NE SW NE)</u>		8. FARM OR LEASE NAME <u>Ismay</u>	
14. PERMIT NO.		9. WELL NO. <u>30-D3</u>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>GL 4,872'; KB 4,884'</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 30, T-40S, R-26E</u>	
		12. COUNTY OR PARISH <u>San Juan</u>	
		13. STATE <u>Utah</u>	

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Supplementary Well History ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE SHEET ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]TITLE Dist. Drilling Supt.DATE 10-26-66

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

Ismay 30-D3
Sec. 30, T-40S, R-26E
San Juan County, Utah

Navajo 14-20-603-2055
Supplementary Well History
October 26, 1966

Spudded 2:30 p.m. 9-26-66. Drilled to 167'. Ran 5 jts. 13-3/8" 48# casing. Cemented at 163' KB with 140 sax 50-50 Poz, 2% calcium chloride. Plug down 11:10 p.m. 9-27-66. Good returns. Drilled to 1,709'. Ran 54 jts. 8-5/8" 24# new casing. Cemented at 1,705' with 1200 sax 50-50 Diamix A, plus 10% salt. Plug down 4:25 a.m. 9-30-66. Good returns. Drilled to 5,467'. Cut Core No. 1 5,467' to 5,527'. Cut Core No. 2 from 5,527' - 87'. Drilled to 5,630' TD. Ran electric logs.

On 10-16-66 ran DST No. 1 - 5,579' - 5,630'. Tool open 30 min., shut in 30 min., tool open 30 min., shut in 30 min. Opened with weak blow, increased to strong in 5 min. Remained strong during initial open period. Second open period - opened with weak blow, increased to strong in 5 min., remained strong for remainder of open period. No gas to surface. Rec. 1,419' salty water - muddy in appearance. No trace of oil. Pressures: IH & FH 3023; IF 116-507; ISI 1815; FF 522-666; FSI 1775; BHT 120 deg. F. Annulus flowed 1/2" stream during test (salt water flow).

On 10-17-66 ran DST No. 2 - 5,564' - 79'. Top packer failed. Re-ran DST No. 2 - 5,551' - 79'. Tool open 2 hrs., shut in 2 hrs., open 2 hrs., shut in 2 hrs. Opened with weak blow, increased to moderate blow in 2 hrs. No gas to surface. Rec. 310' of fluid - 90' gas cut mud and water, 90' gas and mud cut water, 130' slightly gas cut mud. Pressures: IH & FH 2846; IF 74 - 118; ISI 1746; FF 133 - 168; FSI 1673.

Ran 176 jts. 5-1/2" 15.5# J-55 8 Rd. new casing. Cemented at 5,267' KB with 150 sax 50-50 Diamix A, plus 10% salt, 1% D-30 preceded with 500 gals. mud sweep. Plug down at 5:00 a.m. 10-19-66. Good circulation throughout. Rig released at 5:30 a.m. 10-19-66.

Moved on completion rig. Ran logs - GR with CL and Bond Log. Good cement bonding. Perforated 5,569' - 73' and 5,512' - 28' with 4 NCF II per foot. Ran bridge plug and packer. Displaced water with 120 bbls. crude oil. Set bridge plug at 5,581', packer at 5,544'. Spotted acid - 250 gals. non-emulsifying 15%, 750 gals. BJ's SRA-3. Closed circulating ports. Pumped 1.3 bbls. of acid in 3-1/2 hrs. at 2500 psi. Pressure broke to 1200 psi. Slowly pumped 27.7 bbls. with pressure gradually rising, rate 1/4 BPM. Finished job with 2450 psi in 5 hrs. and 25 min. Shut well in overnight. Pressure from 2450 to 1600 in 5 minutes, to 550 psi in 10 hrs. Opened tubing. Flowed back 2 bbls. load oil in 1/2 hr. Swabbed load oil and acid water. In 2-1/2 hrs. 46 bbls. Swab tested 7-1/2 hrs. Recovered 60 bbls. salt water with trace of oil, small amount of gas. Fluid fill up from perfs 5569' - 73', 3,950' in 13 hrs. Swabbed. Recovered only salt water with no gas and slight trace of oil. Picked up bridge plug. Re-set at 5553', packer at 5507'. Treated perfs 5512' - 28' with 500 gals. NE 15% HCl and 1500 gals. BJ's SRA-3. Maximum pressure 3500 psi, maximum rate 1 BPM. Shut in overnight.

Ismay 30-D3
Sec. 30, T-40S, R-26E
San Juan County, Utah

Swabbed 8:30 - 10:30. Recovered 80 bbls. load oil and acid water. Last pull was water with only a trace of oil. Got communication between tubing and annulus. Unseated packer. Swabbed 10:30 - 2:30. Recovered 80 bbls. fluid, load oil and acid water. Last hour recovered 17 bbls. water with slight trace of oil and some gas. Had 3300' fillup overnight. Swabbed down to 3200'. Fluid level remaining constant. Recovered 43 bbls. fluid in first hour. Only trace of oil with some gas and salt water (35 bbls. recovery over and above volume of load oil and acid water.

Testing - Incomplete.

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEYAllottee Navajo
Tribe Navajo
Lease No. 14-20-603-2055

LESSEE'S MONTHLY REPORT OF OPERATIONS PAGE 1 OF 3

State Utah County San Juan Field UndesignatedThe following is a correct report of operations and production (including drilling and producing wells) for month of October, 1966Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming 82601Phone 234-1563 Signed P. E. Manning Agent's title District Office Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS: (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW Sec. 29 Ismay	40S	26E	29-B3	31	2,869	42.9	3,672	-	Trace	
NE SE Sec. 30 Ismay	40S	26E	30-D3	0	Drilled to 5,467'. Cut Core No. 1 - 5,467' to 5,527'. Cut Core No. 2 from 5,527' - 87'. Drilled to 5,630' TD. Ran electric logs.					
On 10-16-66 ran DST No. 1 - 5,579' - 5,630'. On 10-17-66 ran DST No. 2 - 5,564' - 79'. Ran 176 jts. 5-1/2" 15.5# J-55 8 Rd. new casing. Cemented at 5,267' KB with 150 sax 50-50 Diamix A, plus 10% salt, 1% D-30, preceded with 500 gals. mud sweep. Plug down at 5:00 a.m. 10-19-66. Good circulation throughout. Rig released at 5:30 a.m. 10-19-66.										
Moved on completion rig. Ran logs - GR with CL and Bond Log. Good cement bonding. Perforated 5,569' - 73' and 5,512' - 28' with 1/4" NCF II per foot. Ran bridge plug and packer. Spotted acid - 250 gals. non-emulsifying 15%, 750 gals. BJ's SRA-3. Closed circulating ports. Pumped 1.3 bbls. of acid in 3-1/2 hrs. at 2500 psi. Pressure broke to 1200 psi. Slowly pumped 27.7 bbls. with pressure gradually rising, rate 1/4 BPM. Finished job with 2450 psi in 5 hrs. and 25 minutes. Shut well in overnight. Pressure from 2450 to 1600 in 5 minutes; to 550 psi in 10 hrs. Opened tubing. Flowed back 2 bbls. load oil in 1/2 hr. Swabbed load oil and acid water. In 2-1/2 hrs. 46 bbls. Swab tested 7-1/2 hrs. Recovered 60 bbls. salt water with trace of oil, small amount of gas. Fluid fill up from perfs 5,569' - 73', 3,950' in 13 hrs. Swabbed. Recovered only salt water with no gas and slight trace of oil. Picked up bridge plug. Re-set at 5,553', packer at 5,507'. Treated perfs 5,512' - 28' with 500 gals. NE 15% HCl and 1500 gals. BJ's SRA-3. Maximum pressure 3500 psi, maximum rate 1 BPM. Shut in overnight. Swabbed. Recovered 80 bbls. load oil and acid water. Last pull was water with only a trace of oil. Got communication between tubing and annulus. Unseated packer. Swabbed. Recovered 80 bbls. fluid, load oil and acid water. Last hour recovered 17 bbls. water with slight trace of oil and some gas. Had 3300' fillup overnight. Swabbed down to 3200'. Fluid level remaining constant. Recovered 43 bbls. fluid in first hour. Only trace of oil with some gas and salt water (35 bbls. recovery over and above volume of load oil and acid water) Continued on next page.										

NOTE.—There were runs or sales of oil; No M cu. ft. of gas sold;

No

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEYAllottee Navajo
Tribe Navajo
Lease No. 14-20-603-2055

LESSEE'S MONTHLY REPORT OF OPERATIONS PAGE 2 OF 3

State Utah County San Juan Field UndesignatedThe following is a correct report of operations and production (including drilling and producing wells) for month of October, 1966.Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming 82601Phone 234-1563 Signed R. E. Naudon Agent's title District Office Manager

Sec. and 1/4 of 1/4	TWP.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS: (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 30 Ismay	40S	26E	30-D3	Continued -	Lowered packer to test bridge plug. Found communication between annulus and tubing. Pulled packer. Third joint of tubing above packer was collapsed and split. Replaced joint and redressed packer. Ran packer to 5,544'. Swabbed dry. No fill up. Bridge plug at 5,553' holding OK. Reset bridge plug at 5,587', packer at 5,544'. Loaded hole. Pumped in tubing. Got returns through annulus at 300 - 500 psi. Shut in 5 minutes. Pumped again. Got immediate returns indicating communication on outside of casing between two zones. Pulled packer and bridge plug. Ran Cement Bond Log. Bonding excellent between perforations and showed no change from prior to perforating. Ran Model "K" cement retainer. Loaded hole with water. Set retainer at 5,547' KB. Pressure tested tubing to 4000 psi. Opened retainer. Pumped down tubing. Got immediate returns in annulus. Pumped and spotted 50 sax regular cement with 10% NaCl at 5,569'. Pumped 10 sax cement into formation with 300 psi on annulus. Closed annulus. Squeezed 20 sax into formation through perfs 5,569'-73'. Pressure on annulus rose from 0 to 3500 psi; same on tubing. Held at 3500 psi for 5 minutes with no bleed off. Pulled out of retainer and reversed 25 sax cement (5 sax had circulated from lower perfs 5,569' - 73' to upper perfs 5,512' - 23' and back into annulus. Pulled tubing above upper perfs and let stand 1 hour. Lowered tubing to 5,542'. Found no cement. Pulled tubing. Pressure tested to 3500 psi. Bled off from 3500 to 2300 psi in 15 mins.; from 2300 to 1900 psi in next 15 mins. Landed Baker retrievematic at 5,484'. Spotted 500 gals. regular 15% HCl. Set retainer. Injected acid 0.1 BPM with 3200-3500 psi. Flushed with 500 gals. water at 0.08 BPM, 3200-3500 psi. Released pressure. Mixed and spotted 50 sax cement plus 10% NaCl to 5,484'. Set retainer and squeezed 12-1/2 sax into formation at 0 - 4000 psi. Held pressure at 4000 psi for 20 minutes. No decrease. Released packer. Attempted to reverse. Could not break circulation. Unable to pump down tubing with 5000 psi. Pulled tubing. Found 1,495' of tubing with cement. Pumped out 441'. 1,095' plugged with set up cement. Picked up tubing and ran 4-3/4" bit. Drilled cement from 5,484' - 5,531'. Fell through to 5,521'. Circulated hole clean. Ran tubing with Abrasi-Jet tool and Collar Locator. Cut 4 slots 90 degrees apart from 5,515' - 20'. Pulled out of hole. Ran in with packer and stinger. Set packer at 5,474', stinger at 5,534'. Spotted 2000 gals. 28% HCl acid over slots 5,515' - 20'. Pressured to 1750 psi. Injected 3/4 bbl. in 1/2 hr. Raised pressure to 3000 psi. No change in rate. Injected a total of 11 bbls. of acid in 5 hrs. Shut down over night. Pressure from 3000 psi to 800 psi in 8 hours. (Cont. on next page)					

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Allottee Navajo
Tribe Navajo
Lease No. 14-20-603-2055

LESSEE'S MONTHLY REPORT OF OPERATIONS PAGE 3 OF 3

State Utah County San Juan Field Undesignated

The following is a correct report of operations and production (including drilling and producing wells) for month of October, 1966

Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming 82601 Signed R. E. Davis

Phone 234-1563 Agent's title District Office Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Pro- duced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS: (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 30 Ismay	40S	26E	30- D3	Continued - Pressured to 3000 hrs. Total acid in formation bbls. of acid (total 48) in 7- gan swabbing. Recovered 73.3 12.7 bbls. water due. Scum of oil, little gas. Shut in over night. Fill up over night 3,473'. Swabbed down. Recovered 12.7 bbls. load water and 30.6 bbls. salt water. Esti- mate 1% oil, some sweet formation gas. Continued to swab through 11-6-66. Recovered salt water with estimated 1% oil. Pulled packer and tubing. Put on 5-1/2" x 2-1/2" swage and 2-1/2" valve on well, put on pressure gauge. Operations temporarily suspended 11-6-66.						

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Allotted Navajo Tribe
Tribe Navajo
Lease No. 14-20-603-2055

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Undesignated

The following is a correct report of operations and production (including drilling and producing wells) for month of November, 1966,

Agent's address P. O. Box 1611 Company Union Oil Company of California
Casper, Wyoming 82601 Signed R. E. Davis

Phone 234-1563 Agent's title District Office Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Pro- duced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS: (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW Sec. 29 Ismay	40S	26E	29-B3	30	2,429	43.0	2,850	-	Trace	Gas sales started 11-9-66. ✓
NE SE Sec. 30 Ismay	40S	26E	30-D3	0	-0-	-	-0-	-	None	Operations temporarily suspended 11-6-66. ✓

NOTE.—There were 3,200.88 bbls. runs or sales of oil; 2,100 M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN 1
(Other instructions
on reverse side)ICATE*
on re-Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Drilling Well	5. LEASE DESIGNATION AND SERIAL NO. Navajo 11-20-603-2055
2. NAME OF OPERATOR Union Oil Company of California	6. INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,876' FSL and 924' FEL (NE SW NE)	8. FARM OR LEASE NAME 1st
	9. WELL NO. 30-03
	10. FIELD AND POOL, OR WILDCAT Indic
	11. SEC. T., R., M. OR BLK. AND SURVEY OR AREA Sec. 30, T-40S, R-26E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 4,872'; KB 4,884'
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplemental Well History <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion or Well Completion or Recombination Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE SHEET ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED **W. J. Mansbridge**TITLE **Dist. Drilling Supt.**DATE **11-2-66**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Ismay 30-D3
1,876' FSL & 924' FEL
Sec. 30, T-40S, R-26E
San Juan County, Utah

Navajo 14-20-603-2055

November 9, 1966

Lowered packer to test bridge plug. Found communication between annulus and tubing. Pulled packer. Third joint of tubing above packer was collapsed and split. Replaced joint and redressed packer. Ran packer to 5,544'. Swabbed dry. No fill up. Bridge plug at 5,553' holding O.K. Reset bridge plug at 5,587', packer at 5,544'. Loaded hole. Pumped in tubing. Got returns through annulus at 300 - 500 psi. Shut in 5 minutes. Pumped again. Got immediate returns indicating communication on outside of casing between two zones. Pulled packer and bridge plug. Ran Cement Bond Log. Bonding excellent between perforations and showed no change from prior to perforating.

Ran Model "K" cement retainer. Loaded hole with water. Set retainer at 5,547' KB. Pressure tested tubing to 4000 psi - O.K. Opened retainer. Pumped down tubing. Got immediate returns in annulus. Pumped and spotted 50 sax regular cement with 10% NaCl at 5,569'. Pumped 10 sax cement to formation with 300 psi on annulus. Closed annulus. Squeezed 20 sax into formation through perforations 5,569' - 73'. Pressure on annulus rose from 0 to 3500 psi; same on tubing. Held at 3500 psi for 5 minutes with no bleed off. Pulled out of retainer and reversed 25 sax cement (5 sax had circulated from lower perforations 5,569' - 73' to upper perforations 5,512' - 28' and back into annulus). Pulled tubing above upper perfs and let stand 1 hour. Lowered tubing to 5,542'. Found no cement. Pulled tubing. Pressure tested to 3500 psi. Bled off from 3500 to 2300 psi in 15 min. From 2300 to 1900 psi in next 15 min. Landed Baker retrievematic at 5,484'. Spotted 500 gals. regular 15% HCl. Set retainer. Injected acid 0.1 BPM with 3100 - 3500 psi. Flushed with 500 gals. water at 0.08 BPM, 3200 - 3500 psi. Released pressure. Mixed and spotted 50 sax cement plus 10% NaCl to 5,484'. Set retainer and squeezed 12-1/2 sax into formation at 0 - 4000 psi. Held pressure at 4000 psi for 20 minutes. No decrease. Released packer. Attempted to reverse. Could not break circulation. Unable to pump down tubing with 5000 psi. Pulled tubing. Found 1,495' of tubing with cement. Pumped out 441'. 1,095' plugged with set up cement. Picked up tubing and ran 4-3/4" bit. Drilled cement from 5,484' - 5,531'. Fell through to 5,541'. Circulated hole clean.

Ran tubing with Abrasi-Jet tool and Collar Locator. Cut 4 slots 90 degrees apart from 5,515' - 20'. Pulled out of hole. Ran in with packer and stinger. Set packer at 5,474', stinger at 5,534'. Spotted 2000 gals. 28% HCl acid over slots 5,515' - 20'. Pressured to 1750 psi. Injected 3/4 bbl. in 1/2 hr. Raised pressure to 3000 psi. No change in rate. Injected a total of 11 bbls. of acid in 5 hrs. Shut down over night. Pressure from 3000 psi to 800 psi in 8 hrs. Pressured to 3000 psi. Injected 15 bbls. acid in 2 hrs. Total acid in formation 26 bbls. Injected remaining 22 bbls. of acid (total 48) in 7-3/4 hrs. at 2700-3000 psi. Began swabbing. Recovered 73.3 bbls. load water in 1-1/2 hrs. 12.7 bbls. water due. Scum of oil, little gas. Shut in over night. Fill up over night 3,473'. Swabbed down. Recovered 12.7 bbls. load water and 30.6 bbls. salt water. Estimate 1% oil, some sweet formation gas. Continued to swab through 11-6-66. Recovered salt water with estimated 1% oil. Pulled packer and tubing. Put on 5-1/2" x 2-1/2" swage and 2-1/2" valve on well, put on pressure gauge. Operations temporarily suspended 11-6-66.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Navajo 14-20-603-2055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Isney

9. WELL NO.

30-B3

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 30, T-40S, R-26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1,876' FSL & 924' FEL (NE SW NE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

OL 4,872'; KB 4,884'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Temp. Suspend Operations ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

(Other) ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Temp. Suspension of Operations ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 5,630'

13-3/8" casing at 163'

5-1/2" casing at 5,627'

Perforated 5,569' - 73' and 5,512' - 28'. Squeezed 20 sax to formation through perfs 5,569' - 73' and 12-1/2 sax to formation through perfs 5,512' - 28'. Drilled out cement and circulated hole clean.

Cut 4 slots, 90 deg. apart, from 5,515' - 20'. Acidized with 2000 gals. 28% HCl.

Swabbed salt water with estimated 1% oil and some gas. Pulled packer and tubing.

Installed 5-1/2" x 2-1/2" swage, 2-1/2" valve and pressure gauge on well. Operations temporarily suspended 11-6-66. Propose to suspend operations until such time as well can be utilized as a water injection well.

ORIGINAL SIGNED BY

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Mansbridge

TITLE District Drilling Supt.

DATE 9-11-67

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR.
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Drilling Well - Operations suspended	5. LEASE DESIGNATION AND SERIAL NO. Navajo 20-603-2655
2. NAME OF OPERATOR Union Oil Company of California	6. IF INDICATED, LOTTERY OR OTHER NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601	7. UNIT AGREEMENT NAME Isma
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,876 FSL and 924' FEL (NE SW NE)	8. FARM RELEASE NAME Isma
14. PERMIT NO.	9. WELL NO. 30-D
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,872' GL 4,884' KB	10. FIELD NO. OR POOL, OR WELL NO. Wildcat
	11. SEC. 10, T. 48S, R. 26E
	12. COUNTY OF SAN JUAN

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		
NOTICE OF INTENTION TO:		
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>		
SUBSEQUENT REPORT		
(Note: Report results of multiple completion on well completion or recompletion report and log form.)		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all marker and other pertinent to this work.)*

TD 5,630'
13-3/8" casing at 163'.
5 1/2" casing at 5,627'.

Operations temporarily suspended 11-6-66.

Operations suspended until such time as well can be utilized as injection well. Operations are still suspended.

18. I hereby certify that the foregoing is true and correct

SIGNED **A. T. MANNON JR.**TITLE **Dist. Drilling Supt.****A. T. Mannon, Jr.**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

August 30, 1968

Union Oil Company of California
P. O. Box 1611
Casper, Wyoming

Re: Well No. Ismay # 30-D3,
Sec. 30, T. 40 S., R. 26 E.,
San Juan, County Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the month(s) mentioned above for the subject well. Rule C-22 (1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Division of Oil and Gas Conservation requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your cooperation with respect to this request is greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc /sr

Enclosure: Form OGC-1b

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:				OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____			
b. TYPE OF COMPLETION:				NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____			
2. NAME OF OPERATOR UNION OIL COMPANY OF CALIFORNIA							
3. ADDRESS OF OPERATOR P. O. BOX 1611 - CASPER, WYOMING 82601							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,876' FSL and 924' FEL (NE SW NE) At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 9-26-66				16. DATE T.D. REACHED 10-16-66		17. DATE COMPL. (Ready to prod.) 11-7-66	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4872 GR 4884 KB				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 5630		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0 - 5630	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction - Laterolog - Comp. Form. Den. - Gamma Ray - Collor Locator - Cement Bond - Neutron Porosity						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8		48		163		17-1/4	
8-5/8		24		1,705		12-1/4	
5-1/2		15.5		5,627		7-7/8	
CEMENTING RECORD		AMOUNT PULLED					
140 sx							
1,200 sx							
150 sx							
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 5915 - 20 - Abrasi - Jet 4 slots 90 Deg. Apart.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
See Attached:							
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) DRY HOLE - TO BE UTILIZED AS A WATER INJECTION WELL.				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED A. T. Mannon, Jr.		TITLE District Drilling Supt.		DATE 11/1/68			

*(See Instructions and Spaces for Additional Data on Reverse Side)

Navajo 14-20-603-2055
Ismay Well No. 30-D3
Sec. 30; T.40S; R.26E

CORE NO. 1 - 5,467 - 5,527' - 60'
CORE NO. 2 - 5,527 - 5,587' - 60'

DST NO. 1 - 5,579 - 5,630' - TO 30 min., SI 30 min., TO 30 min., SI 30 min..
Opened w/ weak blow, increased to strong blow in 5 min., remained strong
during initial open. 2nd open same as 1st open. No gas to surface, recovered
1419' saltwater. No trace of oil. IH 3023; IF 116-507; ISI 1815; FF 522-
666; FSI 1775; FH 3023; BHT 120 Deg. F.

DST NO. 2 - 5,564 - 5,579' - Misrun
DST NO. 2 - 5,551 - 5,579' - TO 2 hours; SI 2 hours; TO 2 hours; SI 2 hours.
Opened w/ weak blow, increased to moderate blow in 2 hours. No gas to
surface. Recovered 90' GCM and water; 90' GCM&W, 130' slightly gas cut mud.
IH 2846; IF 74-118; ISI 1746; FF 133-168; FSI 1673; FH 2846.

SQUEEZE NO. 1 - Perforations 5,569 - 73 w/ 50 sx Reg. Cement w/ 10% NaCl.
SQUEEZE NO. 2 - Perforations 5,512 - 28 w/ 50 sx Reg. Cement w/ 10% NaCl.

ACID:

Perfs. 5569 - 73' - 250 gal. Non-Emulsifying 15%
750 Gal. B-J's SRA-3
5512 - 28' - 500 gal. Non-Emulsifying 15%
1500 gal B-J's SRA-3
5515 - 20' - 2000 gal 28% HCL

LOG TOPS:

Morrison	Surface
Summerville	747
Entrada	783
Carmel	912
Navajo	937
Kayenta	1,178
Wingate	1,219
Chinle	1,550
Cutler	2,713
Hermosa	4,526
Ismay Zone	5,454

FORM OGCC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Union #30 D-3 Ismay

Operator Union Oil Company of California Address P. O. Box 3372 Phone 247-4300

Contractor JCM Drilling Address _____ Phone _____

Location NE 1/4 SE 1/4 Sec. 30 T. 40 N R. 26 E San Juan County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 5579	5630	1419 ft. (approx. 20 bbls) in 2 hrs.	Salty ✓
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Morrison	at surface	Carmel	912	Wingate	1219	Hermosa	4526
Summerville	747	Navajo	937	Chinle	1550	Ismay zone	5454
Entrada	783	Kayenta	1178	Cutler	2717	Total Depth	5630

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission,
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS



Lease No. 21-2055
Communitization Agreement No. _____
Field Name South Ismay
Unit Name _____
Participating Area _____
County San Juan State Utah
Operator Union Oil Co. of California

☒ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
29-B3	Sec. 29 NE NW	40S	26E	POW	31	359	666	155	
30-D3	Sec. 30 NE SE	40S	26E	OSI	None	None	None	None	Oper. Suspended Temp. 11-6-66.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	607.24	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	359.19	666	155
*Sold	None	553	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	113	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	155
*Other (Identify)	None	None	None
*On hand, End of Month	966.43	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	41.0	Not Available	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 21-0055
Communitization Agreement No.
Field Name South Ismay
Unit Name
Participating Area
County San Juan State Utah
Operator Union Oil Co. of California

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
May, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
29-B3	Sec. 29 NE NW	40S	26E	POW	31	254	137	155	
30-D3	Sec. 30 NE SE	40S	26E	OSI	None	None	None	None	Oper. Suspended Temp. 11-6-66.

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	824.58	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	253.56	137	155
*Sold	431.96	26	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	111	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	155
*Other (Identify)	None	None	None
*On hand, End of Month	646.18	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	40.1	Not Available	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: RE Dungan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
(8) DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 21-200
Communitization Agreement No. 9
Field Name South Ismay
Unit Name _____
Participating Area _____
County San Juan State Utah
Operator Union Oil Co. of California

☐ Amended Report

30-D3

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
August, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
29-B3	Sec. 29 NE NW	40S	26E	POW	31	328	90	155	Oper. Suspended Temp. 11-6-66.
30-D3	Sec. 30 NE SE	40S	26E	OSI	None	None	None	None	

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	720.51	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	327.72	90	155
*Sold	435.74	29	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	61	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	None	155
*Other (Identify)	None	None	None
*On hand, End of Month	612.49	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	40.1	Not Available	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: U. E. Dungan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
(8) DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 21-2
Communitization Agreement No. _____
Field Name South Ismay
Unit Name _____
Participating Area _____
County San Juan State Utah
Operator Union Oil Co. of California

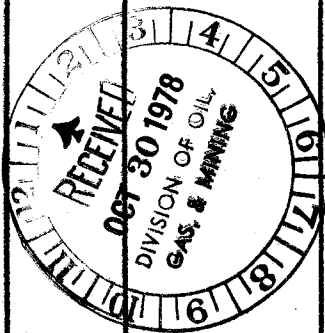
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
September, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
29-B3	Sec. 29 NE NW	40S	26E	POW	30	243	110	150	
30-D3	Sec. 30 NE SE	40S	26E	OSI					Oper. Suspended Temp. 11-6-66.



*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate (BBLs)

Gas (MCF)

Water (BBLs)

*On hand, Start of Month

*Produced

*Sold

*Spilled or Lost

*Flared or Vented

*Used on Lease

*Injected

*Surface Pits

*Other (Identify)

*On hand, End of Month

*API Gravity/BTU Content

650.37
243.04
None
None
XXXXXX
None
None
XXXXXX
None
893.41
39.0

XXXXXXXXXXXXXXXXXXXX
110
None
XXXXXXXXXXXXXXXXXXXX
None
110
None
XXXXXXXXXXXXXXXXXXXX
None
XXXXXXXXXXXXXXXXXXXX
1621

XXXXXXXXXXXXXXXXXXXX
150
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
None
150
None
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

Authorized Signature: V. Dungan

Address: P.O. Box 2620 Casper, WY 82602

Title: District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ well ☐ other ☐ Nonproductive

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1876' FSL & 924' FEL (NE SW NE)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE

Navajo 14-20-603-2055

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ismay

9. WELL NO.

30-D3

10. FIELD OR WILDCAT NAME

South Ismay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 30, T.40S., R.26E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

14. API NO.

43-037-20137

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4872' GR; 4884' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5630' TD; Retainer at 5547'
13-3/8" @ 163'
8-5/8" @ 1705'
5-1/2" @ 5627'

Drilled in 1966 - Nonproductive
Perfs: 5569-5573' - Sqzd.
5512-5528' - Sqzd.
5515-5520' - Open

South Ismay Well No. 30-D3 tested 99% water cut on DST and on completion. The well bore was kept with the expectation that it might be used as a water injection disposal well. Since there is little probability of utilizing this well for that purpose, it is recommended that the well be plugged and abandoned.

(CONTINUED ON ATTACHED SHEET)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Ladd, Jr.

TITLE

District Drilling
Superintendent

DATE

11-18-82

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: *11/24/82*

BY: *[Signature]*

*See Instructions on Reverse Side

U.S. Geological Survey - Form 9-331

Union Oil Company of California
Ismay Well No. 30-D3
South Ismay Field
San Juan County, Utah
11-18-82
Page 2

PROPOSE TO PLUG AND ABANDON SUBJECT WELL AS FOLLOWS:

Dig out cellar. MIRU pulling unit. P.U. tubing work string. Tag 5,547' with tubing. Clean out with tubing bailer if necessary. Plug slots at 5,515-5,520' with 60 sacks of cement. P.U. tubing 100' and circulate out with 9.2# mud. POOH. Run Free Casing Log in 5-1/2", 15.5# casing to +4,900'. Cut off free casing (approximately 4,750'). POOH with 5-1/2", 15.5# casing. RIH and spot 55 sacks of cement over 5-1/2" casing stub. Spot 35 sacks of cement from 2,700-2,900'. Spot 35 sacks of cement over 1,805-1,605'. POOH and spot 35 sack plug from 100' to surface. Lay down tubing and release rig. Cut off wellhead 3' below ground level. Weld plate on casing. Install dry hole marker. Clean up location.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other ☐ Plugged & Abandoned
2. NAME OF OPERATOR
Union Oil Company of California
3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1876' FSL & 924' FEL (NE SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- | | | |
|----------------------|--------------------------|-------------------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (other) | | |

5. LEASE
Navajo 14-20-603-2055
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Ismay
9. WELL NO.
30-D3
10. FIELD OR WILDCAT NAME
South Ismay
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T.40S., R.26E.
12. COUNTY OR PARISH
San Juan
13. STATE
Utah
14. API NO.
43-037-20137
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4872' GR; 4884' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5630' TD

Moved in and rigged up well service unit on 6-6-83. Picked up 2-7/8" workstring and tagged ETD at 5531'. Spotted 60 sacks of cement from 5522-4991' (Plug No. 1). Pulled out with tubing. Ran casing freepoint tool and found casing free at 2450'. Ran wireline jet cutter and cut 5-1/2" casing at 2450'. Pulled 5-1/2" casing out of hole, laying down 76 joints and 1 piece (2446.67'). TIH open-ended with 2-7/8" workstring to 2558'. Circulated hole with mud. Spotted 50 sacks of cement from 2558-2321' (Plug No. 2). Pulled tubing to 1811' and spotted 74 sacks of cement from 1811-1552' (Plug No. 3). Pulled tubing to 94' and spotted 34 sacks of cement from 94' to surface (Plug No. 4).

(CONTINUED ON ATTACHED SHEET)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 6-13-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/13/83
BY: [Signature]

*See Instructions on Reverse

U.S. Geological Survey - Form 9-331
Union Oil Company of California
Ismay Well No. 30-D3
South Ismay Field
San Juan County, Utah
6-13-83
Pg. 2

C.I.P. & J.C. at 3:30 p.m., 6-8-83. Welded plate on 13-3/8" casing and installed dry hole marker. Cleaned up location.

Well plugged and abandoned on June 8, 1983.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other ☐ Plugged & Abandoned
2. NAME OF OPERATOR
Union Oil Company of California
3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1876' FSL & 924' FEL (NE SE) ✓
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

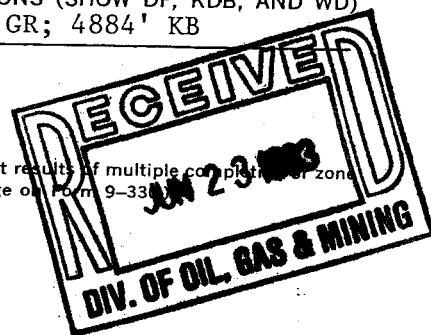
REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED
JUN 17 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5630' TD

Moved in and rigged up well service unit on 6-6-83. Picked up 2-7/8" workstring and tagged ETD at 5531'. Spotted 60 sacks of cement from 5522-4991' (Plug No. 1). Pulled out with tubing. Ran casing freepoint tool and found casing free at 2450'. Ran wireline jet cutter and cut 5-1/2" casing at 2450'. Pulled 5-1/2" casing out of hole, laying down 76 joints and 1 piece (2446.67'). TIH open-ended with 2-7/8" workstring to 2558'. Circulated hole with mud. Spotted 50 sacks of cement from 2558-2321' (Plug No. 2). Pulled tubing to 1811' and spotted 74 sacks of cement from 1811-1552' (Plug No. 3). Pulled tubing to 94' and spotted 34 sacks of cement from 94' to surface (Plug No. 4).

(CONTINUED ON ATTACHED SHEET)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 6-13-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

FARMINGTON COPY

*See Instructions on Reverse Side

JUN 2 1983

CY

KJ

U.S. Geological Survey - Form 9-331
Union Oil Company of California
Ismay Well No. 30-D3
South Ismay Field
San Juan County, Utah
6-13-83
Pg. 2

C.I.P. & J.C. at 3:30 p.m., 6-8-83. Welded plate on 13-3/8" casing and installed dry hole marker. Cleaned up location.

Well plugged and abandoned on June 8, 1983. ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other ☒ Plugged & Abandoned
2. NAME OF OPERATOR
Union Oil Company of California
3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1876' FSL & 924' FEL (NE SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
|---------------------------------------|-------------------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) LOCATION READY FOR INSPECTION | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

5. LEASE
Navajo 14-20-603-2055
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Ismay
9. WELL NO.
30-D3
10. FIELD OR WILDCAT NAME
South Ismay
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T.40S., R.26E.
12. COUNTY OR PARISH
San Juan
13. STATE
Utah
14. API NO.
43-037-20137
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4872' GR; 4884' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(Ismay Well NO. 30-D3 was plugged and abandoned on June 8, 1983.)

Surface rehabilitation operations have been completed, and the location is now ready for inspection.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 7-29-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: